



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

Date: January 16, 1991

Number of Pages Including This Cover Sheet: 4

TO:

Cindy Emmons
Kennecott Utah Copper

Phone: (Fax)

250-6723

FROM:

Halland Shepherd -
Minerals Reclamation and Development Program

Phone:

(801) 538-5340

SUBJECT:

Outstanding Reclamation Issues
m/035/002

REMARKS:

Original copy in today's mail.

Should you encounter any problems with this copy, or do not receive all the pages, please call

MN9/61



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

DOGM
MINERALS PROGRAM
FILE COPY

January 16, 1991

Ms. Cindy Emmons
Director, Environmental Affairs
Kennecott Utah Copper
P. O. Box 525
Bingham Canyon, Utah 84006-0525

Dear Ms. Emmons:

Re: Outstanding Reclamation Issues, Bingham Pit, M/035/002, Salt Lake County, Utah

This letter is a follow-up to some of the outstanding issues concerning the Bingham Canyon Mining and Reclamation Plan (MRP). We initiated discussions on these topics by letter to Kennecott Utah Copper, dated September 5, 1989. The Division is seeking a timely resolution to the following issues:

1. On July 18, 1990, we sent a letter to Kennecott requesting information regarding the current National Historic Register (NHR) status for the Bingham Pit. Of concern is the effect that the continued expansion of the pit boundaries may have on its eligibility/listing. No response was ever received from your office in this regard. The Division would like to know what the NHR renewal status is for the pit.
2. The Division requested, in our September 5, 1989 letter, that well defined maps be developed showing all areas and the acreages impacted by the Bingham Canyon Mine, since the passage of the Utah Mined Land Reclamation Act. The maps should encompass all areas currently incorporated in Kennecott's MRP. The maps should delineate both active and inactive areas. Pre-law disturbed areas should also be identified where appropriate. We suggest that such maps be developed from current aerial photographs.

This request was addressed by Kennecott in a letter to the Division dated February 8, 1990. In that letter, Kennecott indicated that a map was currently being developed. What is the status of this map or maps?

Kennecott also indicated that an annual reclamation map would be developed for only portions of the site to be reclaimed during the year. Was it Kennecott's intention to generate only an annual map? The Division will require Kennecott to provide a map or maps covering the entire Bingham Pit site.

3. In our September 5, 1989 letter, we also asked Kennecott to initiate a program to identify areas of deleterious (or potentially deleterious) waste rock materials at the Bingham Canyon Mine. The objective being, to facilitate development of a successful reclamation plan for such areas at a future date. Has a program/evaluation been initiated? If so, what is the status of this program?
4. Our September 5, 1989 letter also requested that Kennecott look at the idea of initiating a selective dumping program for acid-based waste materials. The intent would be to isolate material having a high acid-generating exposure to air and water. This issue has not been addressed by Kennecott.
5. The question of topsoil salvage was also brought up in our September 5, 1989 letter. We asked that Kennecott address the lack of topsoil salvage in areas where the Bingham pit is being developed and at the base of the waste dumps, where the dumps are expanding. This question was addressed in a letter from Kennecott, dated February 8, 1990. Kennecott's response was that unsafe conditions, associated with the dumps, prevent the salvage of topsoil from the base of the dumps. The Division will require that Kennecott engineer a method, by which topsoil can be safely salvaged from these areas.

The Division would like to continue negotiations with Kennecott in resolving these concerns. We would like to arrange a meeting, or series of meetings with you and/or your designated staff, at your earliest convenience to discuss these outstanding issues. Please call me or Mr. Holland Shepherd, of the minerals staff, to schedule a